Annual Drinking Water Quality Report

Reporting Year 2018 Public Water System (PWS) ID#: OH-5501612 300 East Staunton Road, City of Troy, Ohio www.troyohio.gov



The City of Troy Public Water System (PWS) is pleased to present the following report to you and provide information on the quality of Troy's drinking water. Included within this report is general health information, drinking water quality testing results performed between January 1 and December 31, 2018, how to participate in decisions concerning your drinking water, and water system contacts. We have a current, unconditioned license to operate our public water system.



Samples from Troy's 10 deep wells are analyzed monthly for over 100 compounds by an EPA-certified independent lab, to ensure our source water is absolutely safe.

Our water source

The City of Troy drinking water source is the Great Miami Buried Valley Aquifer (GMBVA). This is an enormous water-bearing sand and gravel formation associated with the Great Miami River. The GMBVA extend from north of Troy to the Ohio River, ranging from 30 to 300 feet in depth and from 1 to 3 miles wide. This aquifer is replenished by underground sources, precipitation, and riverbed filtration. Troy utilizes 10 production wells to pump water from this aquifer for treatment at the water plant. These wells are adjacent to the Great Miami River and are located at the Miami Shores Golf Course and the Troy Municipal Park. Well water is pumped to the Water Treatment Plant (WTP) where it is softened, clarified, disinfected, stabilized, and filtered prior to being pumped to our water consumers. In 2018, the finish water averaged 119 parts per million (ppm) hardness and 64 ppm of alkalinity, with an average pH of 8.76.

In 2018 our treatment facility provided approximately 1.33 billion gallons of treated drinking water to consumers in Troy, Miami County, West Milton, and Ludlow Falls. Our treated water quality meets or exceeds all of the standards that are set forth by the State of Ohio and the United States Environmental Protection Agency.

For more information about this report or your drinking water, please call Jeff Monce, Water Plant Superintendent, or Ralph Walters, Assistant Plant Superintendent, at (937)339-4826, or reach them via email: jeff.monce@troyohio.gov or ralph.walters@troyohio.gov.

Source Water Assessment

The City of Troy started a source water monitoring program in 1984. In 1992, Troy developed a Wellhead Protection program. This identifies potential source of groundwater contamination within a 5-yr. time of travel zone around our wells. We have 25 monitoring wells to test water quality beyond our well fields.

Zoning regulations have been adopted to further reduce potential contamination within a 1 yr. time of travel zone. Effective public outreach efforts to inform our residents and businesses are also an important part of this plan for safeguarding our vital water resource.

In 2018 we sampled 19 of these remote sites, from which it would take a contaminant years to reach our production wells. We also draw monthly samples for contaminants from each of our production wells.

What are sources of contamination to drinking water?

The sources of drinking water (both tap water and bottled water) include rivers, lakes, streams, ponds, reservoirs, springs, and wells. As water travels over the surface of the land or through the ground, it dissolves naturallyoccurring minerals and, in some cases, radioactive material, and can pick up substances resulting from the presence of animals or from human activity. Contaminants that may be present in source water include: (A) Microbial contaminants, such as viruses and bacteria, which may come from sewage treatment plants, septic systems, agricultural livestock operations and wildlife; (B) Inorganic contaminants, such as salts and metals, which can be naturally-occurring or result from urban storm water runoff, industrial or domestic wastewater discharges, oil and gas production, mining, or farming; (C) Pesticides and herbicides, which may come from a variety of sources such as agriculture, urban storm water runoff, and residential uses; (D) Organic chemical contaminants, including synthetic and volatile organic chemicals, which are by-products of industrial processes and petroleum production, and can also come from gas stations, urban storm water runoff, and septic systems; (E) Radioactive contaminants, which can be naturallyoccurring or be the result of oil and gas production and mining activities.

In order to ensure that tap water is safe to drink, USEPA prescribes regulations which limit the amount of certain contaminants in water provided by public water systems. FDA regulations establish limits for contaminants in bottled water which must provide the same protection for public health. Drinking water, including bottled water, may reasonably be expected to contain at least small amounts of some contaminants.

A Source Water Assessment and Protection (SWAP) Plan is a key component of Troy's wellhead protection and monitoring program. An update of this plan was completed in 2016, and approved by the Ohio EPA in 2017. In 2018 the City of Troy received recognition from the Ohio EPA for exceptional implementation of the Drinking Water Source Protection Plan.

The SWAP Plan is available at our office for review. Due to the highly permeable sand and gravel formation above our aquifer, this SWAP plan designates our water supply with a *high susceptibility* rating. Safe public practices are thus extremely important in protecting our source water from surface contaminants.

The presence of contaminants does not necessarily indicate that water poses a health risk. More information about contaminants and potential health effects can be obtained by calling the Federal Environmental Protection Agency's Safe Drinking Water Hotline (1-800-426-4791).

Who needs to take special precautions?

Some people may be more vulnerable to contaminants in drinking water than the general population. Immuno-compromised persons, such as persons with cancer undergoing chemotherapy, persons who have undergone organ transplants, people with HIV/AIDS or other immune system disorders, some elderly, and infants can be particularly at risk from infection. These people should seek advice about drinking water from their health care providers. EPA/CDC guidelines on appropriate means to lessen the risk of infection by Cryptosporidium and other microbial contaminants are available from the Safe Drinking Water Hotline (1-800-426-4791).

Unregulated Contaminant Monitoring Rule Part 4

In 2018, we participated in the 4th stage of the EPA's Unregulated Contaminant Monitoring Rule Part 4 (UCMR4) program. Unregulated contaminants are those for which the EPA has not established drinking water standards. The purpose of unregulated contaminant monitoring is to assist the EPA in determining the occurrence of unregulated contaminants in drinking water and whether future regulation is warranted. Contact us at the City of Troy Water Treatment Plant, (937) 339-4826, for more information on this program.

2018 Sampling Results

The EPA requires regular sampling to ensure drinking water safety. The City of Troy collected hundreds of water samples to determine the presence of any bacterial, inorganic, radiological, volatile organic or synthetic organic contaminants during 2018. The Ohio EPA requires us to monitor for some contaminants less than once per year because the concentrations of these contaminants do not change frequently. In those cases, the most recent sample data are included, along with the year in which the sample was taken. 30 bacteriological samples from the Troy distribution system were taken each month in 2018, with no coliform positive results obtained; ensuring no E. coli presence was detected. The table below shows only those contaminants that were detected in the treated drinking water.

| REGULATED SUBSTANCES | | | | | | | |
|--|---|--|---|---|--|--|--|
| SUBSTANCE (UNIT OF | YEAR | | MCLG | AMOUNT | RANGE | | |
| MEASURE) | SAMPLED | MCL [MRDL] | [MRDLG] | DETECTED | LOW-HIGH | VIOLATION | TYPICAL SOURCE |
| | 2016 | 2 | 2 | 0.051 | | No | Discharge of drilling waste; Discharge from metal refineries; |
| Barium (ppm) | 2016 | 2 | 2 | 0.031 | N/A | No | Erosion of natural deposits |
| Trans-1-2 Dichloroethane (ppb) | 2018 | 5 | 5 | 0.08 | 0.08 | No | Discharge from industrial deposits |
| cis-1,2 Dichloroethylene (ppb) | 2018 | 70 | 70 | 0.098 | 0.0-0.40 | No | Discharge from industrial deposits |
| Total Chlorine (ppm)* | 2018 | 4 | 4 | 0.87 | 0.83-0.87 | No | Water additive used to control microbes |
| Fluoride (ppm)** | 2018 | 4 | 4 | 0.25 | N/A | No | Erosion of natural deposits |
| Haloacetic Acids [HAA5] (ppb) | 2018 | 60 | N/A | <6.0 | <6.0 | No | By-product of drinking water chlorination |
| Nitrate (ppm) | 2017 | 10 | 10 | 0.15 | N/A | No | Runoff from fertilizer use; Leaching from septic tanks, sewage; Erosion of natural deposits |
| TTHMs [Total Trihalomethanes] (ppb)*** | 2018 | 80 | N/A | 18.9 | 13.8-18.9 | No | By-product of drinking water chlorination |
| LEAD AND COPPER | | | | | | | |
| Contaminants (Units) | Action Level (AL) | Individual Results over the AL | 90% of Test levels were less than | Violation | Year Sampled | Typical Source | |
| Load (nph) | 15 | N/A | 5.1 ppb | No | 2016 | Corrosion o | f household plumbing systems; Erosion of natural deposits |
| Lead (ppb) | Zero of 30 | samples were | | e lead leve | ls in excess | | action level of 15 ppb |
| C | 1.3 | N/A | 0.072 ppm | No | 2016 | Corrosion o | f household plumbing systems; Erosion of natural deposits |
| Copper (ppm) | | | | | | | oper action level of 1.3 ppm |
| SECONDARY SUBSTANCES | | | | , , , , , , | | | '' |
| SUBSTANCE (UNIT OF | YEAR | | | AMOUNT | RANGE | | |
| MEASURE) | SAMPLED | SMCL | MCLG | DETECTED | | VIOLATION | TYPICAL SOURCE |
| Total Dissolved Solids | SAIVIFLED | | | DETECTED | LOW-HIGH | VIOLATION | TIFICAL SOURCE |
| [TDS] (ppm) | 2018 | 500 | N/A | 232 | N/A | No | Runoff/leaching from natural deposits |
| UNREGULATED SUBSTANCE | S | | | | | | |
| SUBSTANCE (UNIT OF | YEAR | AVERAGE | RANGE LOW- | | | | |
| MEASURE) | SAMPLED | DETECTED | HIGH | TYPICAL SOURCE | | | |
| Bromodichloromethane | | | | By-product of disinfection: component of Trihalomethanes (TTHMs) shown in the table above | | | |
| (ppb) | 2018 | 5.45 | 4.6-6.3 | By-product | of disinfec | tion: compo | nent of Trihalomethanes (TTHMs) shown in the table above |
| (ppb) | 2018 2018 | 5.45 1.75 | 4.6-6.3 1.6-1.9 | | | | nent of Trihalomethanes (TTHMs) shown in the table above |
| | | | | By-product | of disinfec | tion: compo | |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane | 2018 | 1.75 | 1.6-1.9 | By-product By-product | of disinfec | tion: compo tion: compo | nent of Trihalomethanes (TTHMs) shown in the table above |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) | 2018 2018 2018 | 1.75 2.85 | 1.6-1.9 3.0-4.7 | By-product By-product | of disinfec | tion: compo tion: compo | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN | 2018 2018 2018 DS | 1.75 2.85 5.3 | 1.6-1.9 3.0-4.7 4.6-6.0 | By-product By-product | of disinfect of disinfect of disinfect | tion: compo tion: compo tion: compo | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) | 2018 2018 2018 DS 2015 | 1.75 2.85 5.3 | 1.6-1.9 3.0-4.7 | By-product By-product By-product +/- 2.76 | of disinfed of disinfed of disinfed N/A | tion: compo tion: compo tion: compo | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) | 2018 2018 2018 DS 2015 2015 | 1.75 2.85 5.3 15 5 | 1.6-1.9 3.0-4.7 4.6-6.0 | By-product By-product By-product +/- 2.76 +/- 0.5 | of disinfect of disinfect of disinfect | tion: compo tion: compo tion: compo | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN | 2018 2018 2018 DS 2015 2015 ANT MONI | 1.75 2.85 5.3 15 5 TORING RULE F | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF | By-product By-product +/- 2.76 +/- 0.5 | of disinfed of disinfed of disinfed N/A | tion: compo tion: compo tion: compo | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF | 2018 2018 2018 2018 2015 2015 2015 ANT MONIT YEAR | 1.75 2.85 5.3 15 5 TORING RULE F | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF | By-product By-product +/- 2.76 +/- 0.5 | of disinfect of disinfect of disinfect N/A N/A | tion: compo tion: compo tion: compo | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) | 2018 2018 2018 DS 2015 2015 ANT MONI | 1.75 2.85 5.3 15 5 TORING RULE F | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF | By-product By-product +/- 2.76 +/- 0.5 34) | of disinfect of disinfect of disinfect N/A N/A | tion: compo tion: compo tion: compo No No | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution | 2018 2018 2018 2018 2015 2015 2015 ANT MONIT YEAR | 1.75 2.85 5.3 15 5 TORING RULE F | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF | By-product By-product +/- 2.76 +/- 0.5 34) | of disinfect of disinfect of disinfect N/A N/A | tion: compo tion: compo tion: compo No No | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) | 2018 2018 2018 2018 DS 2015 2015 ANT MONI YEAR SAMPLED | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- | By-product By-product +/- 2.76 +/- 0.5 R4) TYPICAL SC By-product | of disinfect of di | tion: compo tion: compo tion: compo No No | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic | 2018 2018 2018 2018 2015 2015 2015 ANT MONI YEAR SAMPLED 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH | By-product By-product +/- 2.76 +/- 0.5 R4) TYPICAL SC By-product | of disinfect of disinfect of disinfect N/A N/A | tion: compo tion: compo tion: compo No No | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution | 2018 2018 2018 2018 DS 2015 2015 ANT MONI YEAR SAMPLED | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- | By-product By-product +/- 2.76 +/- 0.5 R4) TYPICAL SC By-product | of disinfect of di | tion: compo tion: compo tion: compo No No | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trosion of natural deposits * The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane | 2018 2018 2018 2018 2015 2015 2015 ANT MONI YEAR SAMPLED 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH | By-product By-product +/- 2.76 +/- 0.5 R4) TYPICAL SC By-product | of disinfect of di | tion: compo tion: compo tion: compo No No tion tion | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above Erosion of natural deposits Erosion of natural deposits * The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic | 2018 2018 2018 2018 2018 2015 2015 2015 2015 ANT MONITYEAR SAMPLED 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 | By-product By-product +/- 2.76 +/- 0.5 R4) TYPICAL SC By-product | of disinfect of di | tion: compo tion: compo tion: compo No No tion tion | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above Erosion of natural deposits Erosion of natural deposits * The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 **This is amount of fluoride naturally occurring in |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution | 2018 2018 2018 2018 2015 2015 2015 ANT MONI YEAR SAMPLED 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH | By-product By-product +/- 2.76 +/- 0.5 R4) TYPICAL SC By-product | of disinfect of di | tion: compo tion: compo tion: compo No No tion tion | nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above Erosion of natural deposits Erosion of natural deposits * The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 *This is amount of fluoride naturally occurring in the Troy well water that remains in the finished |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pci/L) Radium 228 (pci/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) | 2018 2018 2018 2018 2018 2015 2015 2015 2015 ANT MONITYEAR SAMPLED 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 | By-product By-product +/- 2.76 +/- 0.5 4) TYPICAL SC By-product By-product | of disinfect of di | tion: compo tion: compo tion: compo No No tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of natural deposits * The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 **This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) | 2018 2018 2018 2018 2018 2015 2015 2015 ANT MONI' YEAR SAMPLED 2018 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 1.975 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 1.8-2.1 | By-product By-product +/- 2.76 +/- 0.5 4) TYPICAL SC By-product By-product | of disinfect of di | tion: compo tion: compo tion: compo No No tion tion | *The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 *This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride *** Amount detected is the highest Locational |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution | 2018 2018 2018 2018 2018 2015 2015 2015 2015 ANT MONITYEAR SAMPLED 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 | By-product By-product +/- 2.76 +/- 0.5 4) TYPICAL SC By-product By-product | of disinfect of di | tion: compo tion: compo tion: compo No No tion tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of natural deposits *The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 *This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride *** Amount detected is the highest Locational Running Annual Average compliance value for all |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Chlorodibromoacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution System] (ppb) | 2018 2018 2018 2018 2018 2015 2015 2015 ANT MONI' YEAR SAMPLED 2018 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 1.975 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 1.8-2.1 | By-product H/- 2.76 +/- 0.5 H/- 0.5 By-product By-product By-product By-product By-product | of disinfect N/A N/A N/A URCE of disinfect of disinfect of disinfect of disinfect of disinfect of disinfect | tion: compo tion: compo tion: compo No No tion tion tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of natural deposits * The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 **This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride ***Amount detected is the highest Locational Running Annual Average compliance value for all 2018 samples. |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution | 2018 2018 2018 2018 2018 2015 2015 2015 ANT MONI' YEAR SAMPLED 2018 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 1.975 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 1.8-2.1 | By-product H/- 2.76 +/- 0.5 H/- 0.5 By-product By-product By-product By-product By-product | of disinfect of di | tion: compo tion: compo tion: compo No No tion tion tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of natural deposits *The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 *This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride *** Amount detected is the highest Locational Running Annual Average compliance value for all |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Chlorodibromoacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution System] (ppb) | 2018 2018 2018 2018 2018 2015 2015 2015 ANT MONI' YEAR SAMPLED 2018 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 1.975 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 1.8-2.1 | By-product H/- 2.76 +/- 0.5 H/- 0.5 By-product By-product By-product By-product By-product | of disinfect N/A N/A N/A URCE of disinfect of disinfect of disinfect of disinfect of disinfect of disinfect | tion: compo tion: compo tion: compo No No tion tion tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of natural deposits * The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 **This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride ***Amount detected is the highest Locational Running Annual Average compliance value for all 2018 samples. |
| (ppb) Bromoform (ppb) Chloroform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution System] (ppb) | 2018 2018 2018 2018 2018 2015 2015 2015 2015 ANT MONITYEAR SAMPLED 2018 2018 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 1.975 0.845 0.318 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 1.8-2.1 0.80-0.93 | By-product H/- 2.76 +/- 0.5 H/- 0.5 By-product By-product By-product By-product By-product | of disinfect N/A N/A N/A URCE of disinfect of disinfect of disinfect of disinfect of disinfect of disinfect | tion: compo tion: compo tion: compo No No tion tion tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of natural deposits *The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 *This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride ***Amount detected is the highest Locational Running Annual Average compliance value for all 2018 samples. *********************************** |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) | 2018 2018 2018 2018 2018 2015 2015 2015 2015 ANT MONITYEAR SAMPLED 2018 2018 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 1.975 0.845 0.318 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 1.8-2.1 0.80-0.93 | By-product By-product By-product +/- 2.76 +/- 0.5 R4) TYPICAL SC By-product By-product By-product By-product | of disinfect | tion: compo tion: compo tion: compo No No tion tion tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of natural deposits *The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 *This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride ***Amount detected is the highest Locational Running Annual Average compliance value for all 2018 samples. *********************************** |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dichloroacetic (DCAA) | 2018 2018 2018 2018 2018 2015 2015 2015 2015 2015 2018 2018 2018 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 1.975 0.845 0.318 1.725 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 1.8-2.1 0.80-0.93 | By-product By-product By-product +/- 2.76 +/- 0.5 R4) TYPICAL SC By-product By-product By-product By-product | of disinfect N/A N/A N/A URCE of disinfect of disinfect of disinfect of disinfect of disinfect of disinfect | tion: compo tion: compo tion: compo No No tion tion tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of natural deposits *The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 *This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride ***Amount detected is the highest Locational Running Annual Average compliance value for all 2018 samples. *********************************** |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dichloroacetic (DCAA) [Distribution System] | 2018 2018 2018 2018 2018 2015 2015 2015 2015 ANT MONITYEAR SAMPLED 2018 2018 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 1.975 0.845 0.318 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 1.8-2.1 0.80-0.93 | By-product By-product By-product +/- 2.76 +/- 0.5 R4) TYPICAL SC By-product By-product By-product By-product | of disinfect | tion: compo tion: compo tion: compo No No tion tion tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of natural deposits *The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 *This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride ***Amount detected is the highest Locational Running Annual Average compliance value for all 2018 samples. *********************************** |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dichloroacetic (DCAA) [Distribution System] (ppb) Dichloroacetic (DCAA) [Distribution System] (ppb) | 2018 2018 2018 2018 2018 2015 2015 2015 2015 2015 2018 2018 2018 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 1.975 0.845 0.318 1.725 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 1.8-2.1 0.80-0.93 | By-product +/- 2.76 +/- 0.5 34) TYPICAL SC By-product By-product By-product By-product By-product By-product | of disinfect N/A N/A N/A URCE of disinfect | tion: compo tion: compo tion: compo No No tion tion tion tion tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of natural deposits *The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 *This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride ***Amount detected is the highest Locational Running Annual Average compliance value for all 2018 samples. *********************************** |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN (Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dichloroacetic (DCAA) [Distribution System] (ppb) Tichloroacetic (TCAA) | 2018 2018 2018 2018 2018 2015 2015 2015 2015 2018 2018 2018 2018 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 1.975 0.845 0.318 1.725 1.975 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW HIGH 1.7-2.1 1.8-2.1 0.80-0.93 0.0-0.51 1.6-2.0 | By-product +/- 2.76 +/- 0.5 34) TYPICAL SC By-product By-product By-product By-product By-product By-product | of disinfect | tion: compo tion: compo tion: compo No No tion tion tion tion tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of natural deposits *The value of 0.87 as the Amount Detected is the highest quarterly running annual average of the chlorine measured in the routine bacteria samples taken 30 times a month from the City of Troy Distribution system from January 1, 2018 to December 31, 2018 *This is amount of fluoride naturally occurring in the Troy well water that remains in the finished water after treatment. Troy does not add fluoride ***Amount detected is the highest Locational Running Annual Average compliance value for all 2018 samples. *********************************** |
| (ppb) Bromoform (ppb) Chloroform (ppb) Dibromochloromethane (ppb) RADIOLOGICAL COMPOUN Gross Alpha (pCi/L) Radium 228 (pCi/L) UNREGULATED CONTAMIN SUBSTANCE (UNIT OF MEASURE) Bromochloroacetic (BCAA) [Distribution System] (ppb) Bromodichloroacetic (BDCAA) [Distribution System] (ppb) Chlorodibromoacetic (CDBAA) [Distribution System] (ppb) Monobromoacetic (MBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dibromoacetic (DBAA) [Distribution System] (ppb) Dichloroacetic (DCAA) [Distribution System] (ppb) Dichloroacetic (DCAA) [Distribution System] (ppb) | 2018 2018 2018 2018 2018 2015 2015 2015 2015 2015 2018 2018 2018 2018 | 1.75 2.85 5.3 15 5 TORING RULE F AVERAGE DETECTED 1.95 1.975 0.845 0.318 1.725 | 1.6-1.9 3.0-4.7 4.6-6.0 0 0 PART 4 (UCMF RANGE LOW- HIGH 1.7-2.1 1.8-2.1 0.80-0.93 | By-product +/- 2.76 +/- 0.5 34) TYPICAL SC By-product By-product By-product By-product By-product By-product | of disinfect N/A N/A N/A URCE of disinfect | tion: compo tion: compo tion: compo No No tion tion tion tion tion | rent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent of Trihalomethanes (TTHMs) shown in the table above nent all above nent above nent all above nent above nent all above nent ab |

Definitions

Maximum Contaminant Level Goal (MCLG): The level of a contaminant in drinking water below which there is no known or expected risk to health. MCLGs allow for a margin of safety.

Maximum Contaminant Level (MCL): The highest level of contaminant that is allowed in drinking water. MCLs are set as close to the MCLGs as feasible using the best available treatment technology.

Parts per Million (ppm) or Milligrams per Liter (mg/L) are units of measure for concentration of a contaminant. A part per million corresponds to one second in a little over 11.5 days.

Parts per Billion (ppb) or Micrograms per Liter (μ g/L) are units of measure for concentration of a contaminant. A part per billion corresponds to one second in 31.7 years.

Maximum Residual Disinfectant Level Goal (MRDLG): The level of drinking water disinfectant below which there is no known or expected risk to health. MRDLGs do not reflect the benefits of the use of disinfectants to control microbial contaminants.

Maximum Residual Disinfectant Level (MRDL): The highest level of a disinfectant allowed in drinking water. There is convincing evidence that addition of a disinfectant is necessary for control of microbial contaminants.

Action Level (AL): The concentration of a contaminant which, if exceeded, triggers treatment or other requirements which a water system must follow.

Not applicable (N/A)

Secondary Maximum Contaminant Level (SMCL): SMCLs are established to regulate the aesthetics of drinking water like taste and odor.

Picocuries per liter (pCi/L): A common measure of radioactivity.

Lead Educational Information

If present, elevated levels of lead can cause serious health problems, especially for pregnant women and young children. Lead in drinking water is primarily from materials associated with service lines and home plumbing. The City of Troy is responsible for providing high quality drinking water, but cannot control the variety of materials used in plumbing components. When your water has been sitting for several hours, you can minimize the potential for lead exposure by flushing your tap for 30 seconds to 2 minutes before using water for drinking or cooking. If you are concerned about lead in your water, you may wish to have your water tested.

Information on lead in drinking water, testing methods, and steps you can take to minimize exposure is available from the Safe Drinking Water Hotline at 800-426-4791 or at http://www.epa.gov/safewater/lead.

The City of Troy performed U.S. EPA-mandated Lead and Copper Sampling in June 2016.

Samples from 30 locations within Troy were analyzed by an independent approved laboratory.

None of the 30 samples from the Troy distribution system were in exceedance of the action levels for lead or copper. Lead and copper sampling will be conducted in 2019.

How do I participate in decisions concerning my drinking water?

You may express concerns regarding any water issue to the Troy City Council, which meets on the first and third Mondays at 7 p.m. Meetings are held on the second floor in the Council Chambers at City Hall, 100 S. Market St., Troy. Notices of special meetings, including the Utilities Committee meetings, are posted on the City of Troy website, www.troyohio.gov, and also at City Hall.

Year 2018 in Review:

In addition to serving our Troy customers, we pumped 133,478,356 gallons of drinking water to Miami County and 116,830,120 gallons to West Milton and Ludlow Falls. Other statistics include 35 main breaks repaired, 35 new taps made, 134 new services installed, and 400 customer high-usage alerts investigated.

